



Crosswalk Instructions: Aligning CS Curriculum Resources with the 2011 CSTA K–12 Computer Science Standards

This crosswalk shows alignment of curriculum resources that don't include specific standards or objectives to the CSTA K–12 CS Standards. If you are aligning curriculum resources that have specific standards, use the crosswalk for Aligning CS Curriculum Standards/Products.

Rationale for the Crosswalk

Computer science and the technologies it enables now lie at the heart of our economy and the way we live our lives. To be well-educated citizens in a computing-intensive world and to be prepared for careers in the 21st century, our students must have a clear understanding of the principles and practices of computer science. The *CSTA K–12 Computer Science Standards* document delineates a core set of learning standards designed to provide the foundation for a complete computer science curriculum and its implementation at the K–12 level.

The purpose of this crosswalk is to collect and disseminate useful information regarding the alignment of the *CSTA K–12 CS Standards* with available curriculum resources for teachers. This information will be used to support computer science educators and computer science education, which we define broadly as follows:

“Computer science is the study of computers and algorithmic processes, including their principles, their hardware and software designs, their applications, and their impact on society.” (Tucker, 2004 ACM/CSTA Model Curriculum for K–12 Computer Science.)

The *CSTA K–12 CS Standards* may be accessed by following this link:

<http://csta.acm.org/Curriculum/sub/K12Standards.html>

Please note: you are providing this information for evaluation and approval purposes. It will not be sold or distributed to any third party directly or indirectly.

We very much appreciate your participation. Thank you for your time and your insight.

Instructions for Completing the Crosswalk

Please complete the Crosswalk form by following these instructions.

1. Enter the requested information about the standards or product and your organization in the chart at the top of the form.
2. CSTA K-12 CS standards are grouped by grade level range and strand, with that information shown at the top of each group of standards. To align your curriculum resources with the standards, scroll down to find the appropriate grade-level grouping(s).
 - a. The CSTA K-12 CS Standard is listed in the first column.
 - b. In the middle column, enter the name of the resource that aligns with the CSTA standard.
 - c. In the last column, enter information about each aligned resource's location within the collection (URL, page number, chapter, etc.).
3. When you have completed the crosswalk document for your CS curriculum resources, please save and submit the document to cstacurriculum@csta.acm.org.

Thank you for your participation and support of K–12 Computer Science Education.